FIG. 1

	ADDRESS						у у			·				
	REG-ID						r30	$\Psi$						
ALAT	TYPE						int	-						110
	VALID TYPE						1		,					
	#	n	n-1	n-2	n-3	n-4	n-5	n-6	n-7	• • •	2	_	0	

Id.a r30 <- [r20]

A A

ld.a r30 <- [r20]

														1
ADDRESS			:			xxyy	$\Psi$							15
REG-ID						r30	$ $ $\psi$			· · · · · ·				JH 210
TYPE						int								220
VALID TYPE						0								
#	L.	n-1	n-2	n-3	n-4	n-5	9-u	<u>1</u> -u	•	• •	2	-	0	

id.c r30 <- [r20]

**-1**G. 2

ALAT

ld.a r30 <- [r20]

ADDRESS												XXZZ			
REG-ID												rp60	$\forall$		1
VALID TYPE	:											int			310_
VALID												1			
#	ے	n-1	n-2	n-3	n-4	n-5	9-u	1-J	•	•	•	2	T	0	

Id.c r30 <- [r20]

DECODE

Id.a r30 <- [r20]

ld.c r30 <- [r20], r30

HG. 3

REGISTER RENAME   Id.a rp60 <- [rp50]	la.con rpou <- rpouj.rpou
---------------------------------------	---------------------------

				,										,	
	ADDRESS					ххуу	$\leftarrow$								410
	REG-ID					130	$\forall$								420
ALAT	VALID TYPE					int									420
	VALID					0									
_	#	u	n-1	n-2	n-3	p-u	n-5	9-u	<b>/</b> -u	•	• •	2	ļ	0	
	1d 2 r30 <- [r20]	id.a i 30 <- [120] add r10 <- r30, r15	sub r35 <- r30, r15	st [r80] <- r45	chk.a r30 (r30 destination)										FIG. 4

ld.a r30 <- [r20]	# (	VALID	# VALID TYPE	REG-ID	ADDRESS
r35 <- r30, r15	_				
r80] <- r45	n-1			į	i
chk.a r30	n-2				
UDECODE↓ (r30 destination)	n-3				
r30 <- [r20]	n-4				
sub r35 <- r30, r15	n-5				
·80] <- r45	9-u	0	int	09dJ	ZZXX
chk.a r30 (r30 source)	1-u			$\forall$	$\leftarrow$
LEGISTER RENAME	• •				
	•				
rp60 <- [rp50]	2				
sub rpb5 <- rpb0, rp25 st frn851 <- rn55	-				
chk.a rp60 (rp60 source)	0			-	
בו כ			520	520 JI 51	510

FIG. 5

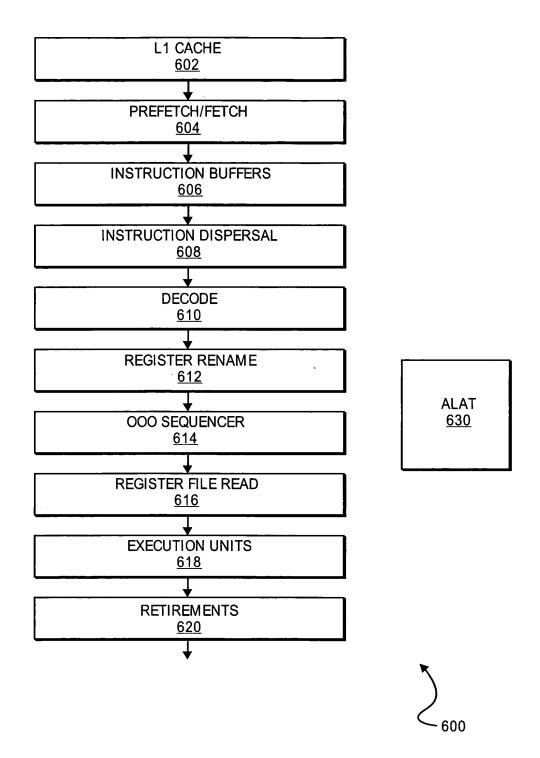


FIG. 6

